bs-2982R **[Primary Antibody]**

VIP Receptor 1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 7433 **SWISS:** P32241

Target: VIP Receptor 1

Immunogen: KLH conjugated synthetic peptide derived from human VIP Receptor 1: 351-457/457. < Cytoplasmic >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This is a receptor for VIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. The affinity is VIP = PACAP-27 > PACAP-38.
Tissue specificity:In lung, HT29 colonic epithelial cells, Raji B-lymphoblasts. Lesser extent in brain, heart, kidney, liver and placenta. Not expressed in CD4+ or CD8+ T-cells. Expressed in the T-cell lines HARRIS, HuT 78, Jurkat and Tsup-1, but not in the T-cell lines PEER, MOLT-4, HSB and YT.

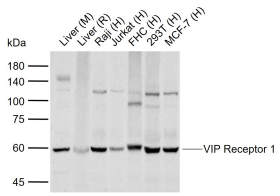
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow)

Predicted MW.: 47 kDa

Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES



Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Rat Liver tissue lysates Lane 3: Human Raji cell lysates Lane 4: Human Jurkat cell lysates Lane 5: Human FHC cell lysates Lane 6: Human 293T cell lysates Lane 7: Human MCF-7 cell lysates Primary: Anti-VIP Receptor 1 (bs-2982R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kDa Observed band size: 60 kDa

SELECTED CITATIONS

- **[IF=8.44]** Lin Xia-Hui. et al. lncRNA-AC079061.1/VIPR1 axis may suppress the development of hepatocellular carcinoma: a bioinformatics analysis and experimental validation. J TRANSL MED. 2022 Dec;20(1):1-21 WB ;Human. 36038907
- **[IF=2.76]** Ren, Xinxiu, et al. "Enteromorpha and polysaccharides from enteromorpha ameliorate loperamide-induced constipation in mice." Biomedicine & Pharmacotherapy (2017). IHC ;="Mouse". 29198923
- **[IF=3.188]** Zeqi Tang. et al. Seasonal changes in the expression of PACAP, VPAC1, VPAC2, PAC1 and testicular activity in the testis of the muskrat (Ondatra zibethicus). EUR J HISTOCHEM. 2022 Mar 24; 66(2): 3398 IHC ;Rat. 35502591